

Data Automated Communications Terminal

Description

The Mounted Data Automated Communications Terminal (DACT) provides command and control (C2) capabilities in support of commanders ranging from regiment down to a mechanized platoon level. The Mounted DACT system receives position-location data via an integrated military compliant GPS receiver, and exchanges PLI and messages with other users of Marine Air-Ground Task Force (MAGTF) Command, Control, Communications, Computers and Intelligence (C4I) systems. The Mounted DACT is used to transmit, receive, store, retrieve, create, modify, and display map overlays and Commanders Critical Information Requirements (CCIRs). Mounted DACT users include, but are not limited to, regimental/battalion commanders, company/battery commanders, main battle tanks, Assault Amphibious Vehicle (AAV) troop commanders, Light Armored Vehicle (LAV) platoon commanders, and heavy infantry weapons and antitank section leaders

The Dismounted DACT system user, will send and receive PLI and message data via a terrestrial communications network with a Mounted DACT located at the company level. The Dismounted DACT system will receive location data via an integrated military compliant GPS receiver.

Operational Impact

The DACT extends the MAGTF commander's C2 personal computer (C2PC) network down to the squad level. The DACT's improved capabilities will meet stipulated Operational Requirements and Operation Iraqi Freedom (OIF)-derived requirements to provide Blue Force

tracking and automated communications support for commanders in tactical operations. New capabilities include Beyond Line of Sight (BLOS) and enhanced communication paths, improved Graphic User Interface (GUI) software and a larger screen, and Selective Availability Anti-Spoofing Module (SAASM) GPS integration. These added capabilities make the DACT an integral component of Joint Blue Force Situational Awareness.

Program Status

Fielding of the M-DACT began in FY 03 to support combat operations during OIF-I. More than 814 M-DACTs have been fielded and are in the hands of operating forces. As the result of a Fielding Decision received during FY 04, procurement of D-DACT hardware has been initiated and fielding began in first quarter FY 05.

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|-----------------------------|-------|-------|
| Procurement Profile: | FY 05 | FY 06 |
| Quantity: | | |
| M-DACT | 0 | 0 |
| D-DACT | 506 | 0 |
| BFT | 0 | 0 |
| MTX | 0 | 0 |

Developer/Manufacturer

Hardware:

DACT: Talla-Tech, Tallahassee, FL

BFT: Northrop Grumman Mission Systems, Carson, CA

MTX: General Dynamics C4 Systems, Scottsdale, AZ

Software:

DACT: Northrop Grumman Mission Systems, San Diego, CA

BFT: Northrop Grumman Mission Systems, Carson, CA